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# OFFICIAL JOURNAL OF THE PLANT VARIETY PROTECTION OFFICE



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## PREFACE

The Plant Variety Protection Act, (7 U.S.C. 2321 et. seq.) authorizes the Secretary of Agriculture to publish an Official Journal and to provide the public with pertinent information relating to the operations of the Plant Variety Protection Office.

The statute also authorizes the Secretary to disseminate technological and other information available to the Office that would encourage innovation and promote progress in plant breeding.

The Official Journal, which is published quarterly, includes instructions issued by the Office and related information. It will be sent free to anyone on request. Send requests to:

Plant Variety Protection Office  
Grain Division, AMS  
U. S. Department of Agriculture  
6525 Belcrest Road  
Hyattsville, MD 20782

This issue covers the period from July 1 through September 30, 1975.

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# APPLICATIONS RECEIVED

<u>Application No.</u>	<u>Date</u>	<u>Name of applicant(s)</u>	<u>Name of kind</u>	<u>Name of variety (or designation)</u>
7600001	7/29/75	(Permission to publish not rec'd.)	eggplant	Gator
**7600002	8/5/75	" " "	barley	Pike (3)
7600003	8/7/75	" " "	lettuce	Domingos 43
**7600004	8/20/75	" " "	tobacco	Coker 86 (3)
7600005	"	" " "	soybean	FFR 555
7600006	"	" " "	soybean	FFR 444
7600007	"	" " "	soybean	FFR 111
7600008	8/27/75	" " "	lettuce	Domingos 42
7600009	9/15/75	Agripro, Incorporated	soybean	Shawnee
7600010	6/16/75	(Permission to publish not rec'd.)	wheat	Osage

# AMENDMENTS

<u>Application No.</u>	<u>Date</u>	<u>Name of applicant(s)</u>	<u>Name of kind</u>	<u>Name of variety (or designation)</u>
**73094	5/17/73	Gold Kist Seed Research	peanut	G. K. 3 (3)

\*\* To be sold by variety name only as a class of certified seed.  
 ( ) No. of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM

<u>Certificate No.</u>	<u>Issue date</u>	<u>Owner</u>	<u>Name of kind</u>	<u>Name of variety</u>
**7300074	Jan. 9, 1975	World Seeds, Incorporated	wheat	W. S. 3 (3)
'W.S. 3' is the original variety with purple seed.				
**7200047	August 8, 1975	Texas A.E.S.	cotton	Tamcot SP21 (3)
'Tamcot SP21' is most similar to 'Deltapine 16', except 'Tamcot SP21' has glabrous leaves, red glabrous stems (vs. green and pubescent), 15 days earlier, 22 cm. shorter, storm resistant bolls (vs. open), 0.04 inch shorter fiber (1.05 vs. 1.09), 0.6 finer micronaire (4.4 vs. 5.0) and a 3,000 PSI stronger fiber (91,000 vs. 88,000).				
**7200081	August 8, 1975	Texas Planting Seed Association	cotton	TPSA 1633 (3)
'TPSA 1633' most closely resembles 'TPSA 110' except 'TPSA 1633' has a 0.02 inch longer fiber, is 7 days earlier, has a more open plant type and self defoliates at maturity.				
7200087	August 8, 1975	Joseph Harris Company, Inc.	marigold	Gypsy Sunshine
'Gypsy Sunshine' is most similar to 'Honeymoon.' 'Gypsy Sunshine' flowers a week earlier; foliage is finer with more branching; plants are 25 percent shorter; flower production is greater; and the flower crest is not as pronounced as it is on 'Honeymoon.'				
7200124	August 8, 1975	Ferry-Morse Seed Company	sweetpea	Jet-Set Madrid
'Jet-Set Madrid' most closely resembles 'Knee-Hi Sacramento' from which it differs by having thicker, 4.4-5.1 cm. longer flower stems and 6-13 mm. wider flowers.				
7200125	August 8, 1975	Ferry-Morse Seed Company	sweetpea	Jet-Set St. Moritz
'Jet-Set St. Moritz' most closely resembles 'Knee-Hi Cream,' from which it differs by having thicker, 3.8-5.1 cm. longer flower stems and 6-13 mm. wider flowers.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM

<u>Certificate No.</u>	<u>Issue date</u>	<u>Owner</u>	<u>Name of kind</u>	<u>Name of variety</u>
**7300058	August 8, 1975	Mississippi Agricultural and Forestry Experiment Station	soybean	Forrest (3)
'Forrest' is most similar to 'Bragg' but 'Forrest' is (1) 21 days earlier in maturity, (2) resistant to races 1 and 3 of the Soybean Cyst Nematode, and (3) resistant to reniform nematodes.				
**7400017	August 8, 1975	Van Engelen Zaden B.V.	Kentucky bluegrass	Enmundi (2)
'Enmundi' most closely resembles 'Baron' except 'Enmundi's' leaf sheath, leaf margin, and ligule are glabrous, tufted hairs beneath the auricles are absent, panicle pigmentation is absent, panicle rachis is straight. 'Enmundi' has a higher rating for resistance to leafspot (8 vs. 7 9=best) and stem rust (8 vs. 7) and a lower rating for powdery mildew (6 vs. 7) as compared to 'Baron.'				
**7500052	August 8, 1975	Delaware A.E.S.	soybean	Emerald (3)
on 'Emerald' is most similar to 'Verde.' These varieties differ in (1) plant pubescence color (tawny vs. gray), (2) dry seed size (34 vs. 32 g/100), (3) seed shape (flattened vs. round), (4) hilum color (black vs. light green), and (5) maturity for processing (95 vs. 85 days).				
7500070	August 8, 1975	Asgrow Seed Company	bean	Spurt
'Spurt' is most similar to 'Astro.' 'Spurt' is resistant to curly top virus; whereas, 'Astro' is susceptible.				
7500071	August 8, 1975	Asgrow Seed Company	bean	Bush Blue Lake 53
'Bush Blue Lake 53' is most similar to 'Bush Blue Lake 290.' However, 'Bush Blue Lake 53' pods mature 3 to 4 days earlier than 'Bush Blue Lake 290.'				

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 ( ) No. of generations of certified seed permitted beyond breeder's seed.



## General Information

### NATIONAL CERTIFIED VARIETY REVIEW BOARDS

The concept of National Certified Variety Review Boards originated in 1962 as a result of a report and recommendation developed by the Joint Alfalfa Work Conference. The National Alfalfa Variety Review Board was the first such board formed. The original five-man NAVRB consisted of a USDA project leader as a non-voting chairman, a public plant breeder representing the National Alfalfa Improvement Conference, a plant breeder representing the seed industry, a member from the International Crop Improvement Association (now AOSCA), and a representative of the American Seed Trade Association. This membership has since been expanded to include a non-voting ex officio representative of the Plant Variety Protection Office, and alternates of each of the representatives. The organization of this board was followed by the organization of the Grass Variety Review Board, Soybean Variety Review Board, and finally a Small Grain Variety Review Board. The latter three boards were all established upon action of the Association of Official Seed Certifying Agencies (AOSCA).

The functions of these boards are to review and evaluate information presented by breeders of the respective crops in industry and in public agencies who request seed certification of new varieties. Each board reports action on each variety to the secretary of AOSCA for transmittal to member agencies by him.

The board serves in an advisory capacity to certifying agencies on the eligibility of varieties for certification; therefore, one application to a review board takes the place of one or several applications to various State certification agencies.

Organizational structure and operational procedures for receiving and acting upon requests for certification of varieties of these crops have been established.

Each board will base its evaluation of each variety on information furnished by the applicant. This information is divided into categories such as: 1) morphological and physiological characteristics, 2) advantages or distinguishing characters over similar varieties, 3) maturity in reference to a commonly accepted check variety, 4) disease reaction, and 5) performance data which supports the identity of the variety. Each board will use the eligibility requirements for varieties established in the AOSCA genetic standards as the basis for its evaluation.

Members of the review boards are nominated by the agencies they represent. The appointments are then made by the President of AOSCA and/or the Executive Committee. Organizations represented on all of the review boards with the exception of alfalfa as explained above, are as follows:

Association of Official Seed Certifying Agencies  
American Seed Trade Association  
Crop Science Society of America  
National Council of Commercial Plant Breeders  
U.S. Department of Agriculture

UNITED STATES  
DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service  
Grain Division, Plant Variety Protection Office  
6525 Belcrest Road  
Hyattsville, Maryland 20782

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The respective commodity representative from AOSCA serves as the committee chairman, and the AOSCA alternate serves as secretary.

Meetings of the Variety Review Boards are scheduled as follows:

Soybean -- Chicago, Illinois -- November 30-December 3, 1975

Alfalfa -- Phoenix, Arizona -- December 9, 1975

Small Grains -- Chicago, Illinois -- December 9, 1975